

CLAIMS:

What is claimed is:

1. An electrical connector for mounting on a circuit board for providing an inserting connection with two mating connectors, comprising:
 - an insulative housing having a body formed thereto, two insertion parts respectively located on an upper half and a lower half of the body;
 - 5 the body having a first face and a second face opposite to the first face, the insertion parts extending from the first face in a direction away from the second face;
 - wherein the insertion part on the lower half of the body include a first set of conductive terminals and the insertion part on the upper half includes a second set of conductive terminals, each conductive terminal having a first contact and a second contact,
 - 10 the first contacts extending from the first face of the body in a direction away from the second face and the second contacts protrude from the second face in a direction away from the first face, and
 - wherein the body has a plurality of first projections respectively at a lower position on the second face, the first projections respectively dividing and positioning the second contacts
 - 15 of the first set of conductive terminals individually.
2. The electrical connector of claim 1, wherein the first projections position the second contacts of the second set of conductive terminals individually.
3. The electrical connector of claim 1, wherein the body has a plurality of second projections respectively at an upper position on the second face, so that the second projections respectively divides and positions the second contacts of the second set of conductive terminals individually.
4. The electrical connector of claim 1, wherein the second contacts of the first conductive terminals are alternatively arranged with the second contacts of the second conductive terminals in a single row.

5. The electrical connector of claim 1, wherein the second contacts of the second conductive terminals are divided into two groups, and the second contacts of the first conductive terminals are arranged between the two groups of the second contacts of the second set of conductive terminals.

6. The electrical connector of claim 1, wherein the second contacts of the first conductive terminals are arranged separate from the second contacts of the second conductive terminals in two rows.

7. The electrical connector of claim 1, wherein the second contacts of the first conductive terminals and the second contacts of the second conductive terminals are alternatively arranged with each other.

8. The electrical connector of claim 1, wherein an insertion guiding part extends from the first face in a direction away from the second face, the guiding part including guiding recesses corresponding to the upper and lower insertion parts.

9. The electrical connector of claim 8, wherein the insertion guiding part prevents the improper mating of the mating connectors with the electrical connector assembly.